

APPENDIX D

Correspondence with the Natural Resource Conservation Service

FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request <u>Aug 17 2001</u>	
Name Of Project <u>Lower Cache Creek Flood Reduction Study</u>		Federal Agency Involved <u>US Army Corps of Engineers</u>	
Proposed Land Use <u>Flood Control Levee / Riparian habitat</u>		County And State <u>Yolo County California</u>	
PART II (To be completed by SCS)		Date Request Received By SCS	
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply - do not complete additional parts of this form)		Yes <input type="checkbox"/> No <input type="checkbox"/>	Acres Irrigated
Major Crop(s)		Farmable Land In Govt. Jurisdiction Acres: %	Amount Of Farmland As Defined in FPPA Acres: %
Name Of Land Evaluation System Used		Name Of Local Site Assessment System	Date Land Evaluation Returned By SCS
PART III (To be completed by Federal Agency)		Alternative Site Rating	
		Site A	Site B
A. Total Acres To Be Converted Directly		<u>234.5</u>	<u>123.5</u>
B. Total Acres To Be Converted Indirectly		<u>723.3</u>	<u>0</u>
C. Total Acres In Site		<u>957.8</u>	<u>125.4</u>
PART IV (To be completed by SCS) - Land Evaluation Information			
A. Total Acres Prime And Unique Farmland			
B. Total Acres Statewide And Local Important Farmland			
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted			
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value			
PART V (To be completed by SCS) - Land Evaluation Criterion			
Relative Value Of Farmland To Be Converted (Scale of 0 to 100 points)			
PART VI (To be completed by Federal Agency)		Maximum Points	
Site Assessment Criteria (These criteria are explained in 7 CFR 658.5(b))			
1. Area In Nonurban Use			
2. Perimeter In Nonurban Use			
3. Percent Of Site Being Farmed			
4. Protection Provided By State And Local Government			
5. Distance From Urban Builtup Area			
6. Distance To Urban Support Services			
7. Size Of Present Farm Unit Compared To Average			
8. Creation Of Nonfarmable Farmland			
9. Availability Of Farm Support Services			
10. On-Farm Investments			
11. Effects Of Conversion On Farm Support Services			
12. Compatibility With Existing Agricultural Use			
TOTAL SITE ASSESSMENT POINTS		160	
PART VII (To be completed by Federal Agency)			
Relative Value Of Farmland (From Part V)		100	
Total Site Assessment (From Part VI above or a local site assessment)		160	
TOTAL POINTS (Total of above 2 lines)		260	
Site Selected:		Date Of Selection	
Reason For Selection:		Was A Local Site Assessment Used? Yes <input type="checkbox"/> No <input type="checkbox"/>	



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

221 W. Court Suite 1
Woodland, CA 95695
(530) 662-2037 X 3
Phil.Hogan@ca.usda.gov

September 6, 2001

John Downs
CDM Federal Programs Corporation
2151 River Plaza Drive
Suite 200
Sacramento, CA 95833

CLIENT 1801
PROJECT 009
FILED S.1

Dear Mr. Downs:

We received Form AD-1006 (Farmland Conversion Impact Rating) for the project named "Lower Cache Creek Flood Reduction Study" from you sometime during the week of August 27. I was on travel in San Diego that week.

I will return the AD-1006 to you within 10 working days. I should then have the form returned to you no later than September 14.

Thank you for your cooperation in protecting the farmland resources of Yolo County.

If you have any questions, please contact to me.

Sincerely yours

signed

PHIL HOGAN
District Conservationist



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

221 W. Court Suite 1
Woodland, CA 95695
(530) 662-2037 X 3
Phil.Hogan@ca.usda.gov

Tuesday, September 18, 2001

Mr. John Downs
CDM Federal Programs Corporation
2151 River Plaza Drive Ste 200
Sacramento, CA 95833

Dear Mr. Downs:

Please find enclosed a copy of the following:

- 1) Form 1006, Farmland Conversion Impact Rating
- 2) Soils Map for Project Area
- 3) Documentation for Part II and IV for the 1006 form.

AD1006 Documentation for Cache Creek Setback Levee and Overflow Barrier

SITE A

Section A, Setback Levee

Soil Symbol	Acres	Storie Index	Category
BrA	13.00	81	Prime
Sn	10.00	25	Local Important
Ya	<u>257.00</u>	100	Prime
TOTAL	280.00 acres		

Section B, Setback Levee

Soil Symbol	Acres	Storie Index	Category
Ra	284.20	100	Prime
Ya	<u>49.00</u>	100	Prime
TOTAL	333.20 acres		

RECEIVED

SEP 20 2001

The Natural Resources Conservation Service
is an agency of the
United States Department of Agriculture

AN EQUAL OPPORTUNITY EMPLOYER

CDM
SACRAMENTO

AD-1006, CDM, Cache Creek Setback Levees & Overflow Barrier

Section C, Setback Levee

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
Lg	68.00	81	PRIME
Lm	16.00	59	LOCAL IMPORTANT
Ra	118.50	100	PRIME
Sn	12.00	25	LOCAL IMPORTANT
Sp	3.00	90	PRIME
Tc	14.00	81	PRIME
Ya	<u>16.00</u>	100	PRIME
TOTAL	247.50 acres		

Section D, Setback Levee

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
Lg	22.00	81	PRIME
Mb	41.00	90	PRIME
Md	23.00	81	PRIME
Mo	<u>11.10</u>	65	PRIME
TOTAL	97.10 acres		

Total Sections A-D, Setback Levee

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
BrA	13.00	81	PRIME
Lg	90.00	81	PRIME
Lm	16.00	59	LOCAL IMPORTANT
Mb	41.00	90	PRIME
Md	23.00	81	PRIME
Mo	11.10	65	PRIME
Ra	402.70	100	PRIME
Sn	22.00	25	LOCAL IMPORTANT
Sp	3.00	90	PRIME
Tc	14.00	81	PRIME
Ya	<u>322.00</u>	100	PRIME
TOTAL	957.80 acres		

AD-1006, CDM, Cache Creek Setback Levees & Overflow Barrier

PART IVC

Acres to be converted/acres farmland in county X 100 = $957.8/420,771 \times 100 = .23\%$

PART V

Soil Symbol	Acres	Storie Index	Product
BrA	13.00	81	1053.00
Lg	90.00	81	7290.00
Lm	16.00	59	944.00
Mb	41.00	90	3690.00
Md	23.00	81	1863.00
Mo	11.10	65	721.50
Ra	402.70	100	40270.00
Sn	22.00	25	550.00
Sp	3.00	90	270.00
Tc	14.00	81	1134.00
Ya	<u>322.00</u>	100	<u>32200.00</u>

TOTAL 957.80 acres 89985.50

$89985.50/957.80 = 93.90$ or 94

PART IVD

Acres to be converted/acres with soils with Storie Index 94 or higher.

Soil Symbol	Storie Index	Acres in County
Ra	100	5,080
Ya	100	42,422
Za	95	<u>3,476</u>

TOTAL 50,978 acres

+ + (correlating with 1006 form): Percentage of farmland in government jurisdiction with same or relative higher value = $50,978 / 420,771 \times 100 = 12\%$.

+ Percentage of farmland to be converted with same or relative higher value = $957.8/50,978 \times 100 = 2\%$

SITE B, Overflow Barrier

Soil Symbol	Acres	Storie Index	Category
BrA	17.00	81	PRIME
Ca	.90	50	PRIME
Lg	1.40	81	PRIME
Mb	1.40	90	PRIME
Md	9.40	81	PRIME
Mo	41.90	65	PRIME
Ra	1.40	100	PRIME
Sn	3.30	25	LOCAL IMPORTANT
St	6.50	77	PRIME
Tc	3.30	81	PRIME
Wb	.43	29	STATEWIDE IMPORTANT
Ya	27.60	100	PRIME
Yb	7.90	90	PRIME
Wastewater Area (Ma)	2.80		
TOTAL	125.40 acres		

PART IVC

Acres to be converted/acres farmland in county X 100 = $125.4/420,771 \times 100 = .03\%$

PART V

Soil Symbol	Acres	Storie Index	Product
BrA	17.00	81	1377.00
Ca	.90	50	45.00
Lg	1.40	81	113.40
Mb	1.40	90	126.00
Md	9.40	81	761.40
Mo	41.90	65	2723.50
Ra	1.40	100	140.00

AD-1006, CDM, Cache Creek Setback Levees & Overflow Barrier

Sn	3.30	25	82.50
St	6.50	77	500.50
Tc	3.30	81	267.30
Wb	.43	29	12.47
Ya	<u>27.60</u>	100	2760.00
Yb	7.90	90	711.00
Wastewater Area (Ma)	2.80		

TOTAL 125.40 acres 9620.07

$$9620.07/125.4 = \underline{77}$$

PART IVD

Acres to be converted/acres with soils with Storie Index 77 or higher.

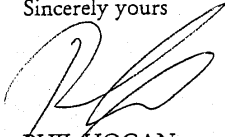
<u>Soil Symbol</u>	<u>Storie Index</u>	<u>Acres in County</u>
BrA	81	24,663
Lg	81	2,187
Mb	90	1,650
Md	81	1,635
Ra	100	5,080
Sp	90	6,407
Tb	77	4,043
Tc	81	1,940
Va	81	552
Vb	77	2,350
Ya	100	42,422
Yb	90	4,983
Za	95	<u>3,476</u>
TOTAL		101,388 acres

+ + (correlating with 1006 form): Percentage of farmland in government jurisdiction with same or relative higher value = $101,388 / 420,771 \times 100 = 24\%$.

+ Percentage of farmland to be converted with same or relative higher value = $125.4 / 101,388 \times 100 = .12\%$

If there are any questions, please feel free to contact me.

Sincerely yours

A handwritten signature in black ink, appearing to read 'PHIL HOGAN', written over the printed name.

PHIL HOGAN
District Conservationist

FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request August 17, 2001	
Name of Project Lower Cache Creek Flood Reduction Study		Federal Agency Involved U.S. Army Corps of Engineers	
Proposed Land Use Flood Control Levee/Riparian Habitat		County and State Yolo County, California	
PART II (To be completed by NRCS)		Date Request Received By NRCS Week of August 27, 2001	
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply - do not complete additional parts of this form)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Acres Irrigated 234,112
			Average Farm Size 569
Major Crop(s) Tomatoes, rice, corn, wheat, wine grapes	Farmable Land In Govt. Jurisdiction Acres: 420,771	Amount of Farmland As Defined in FPPA Acres: 420,771 64.3 %	
Name of Land Evaluation System Used Storie Index	Name of Local Site Assessment System LAFCO LESA (not used for this evaluation)	Date Land Evaluation Returned by NRCS Tuesday, September 18, 2001	
PART III (To be completed by Federal Agency)		Alternative Site Rating	
		Site A	Site B
A. Total Acres To Be Converted Directly		234.5	123.5
B. Total Acres To Be Converted Indirectly		723.3	0
C. Total Acres In Site		957.8	125.4
PART IV (To be completed by NRCS) Land Evaluation Information			
A. Total Acres Prime And Unique Farmland		919.80	121.67
B. Total Acres Statewide Important or Local Important Farmland		38.0	3.73
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		.23%	.03%
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value		2%	12%
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)		94	77
PART VI (To be completed by Federal Agency)		Maximum Points	
Site Assessment Criteria (These criteria are explained in 7 CFR 658.5 b)			
1. Area In Non-urban Use		15	
2. Perimeter In Non-urban Use		10	
3. Percent Of Site Being Farmed		20	
4. Protection Provided By State and Local Government		20	
5. Distance From Urban Built-up Area		15	
6. Distance To Urban Support Services		15	
7. Size Of Present Farm Unit Compared To Average		10	
8. Creation Of Non-farmable Farmland		10	
9. Availability Of Farm Support Services		5	
10. On-Farm Investments		20	
11. Effects Of Conversion On Farm Support Services		10	
12. Compatibility With Existing Agricultural Use		10	
TOTAL SITE ASSESSMENT POINTS		160	
PART VII (To be completed by Federal Agency)			
Relative Value Of Farmland (From Part V)		100	
Total Site Assessment (From Part VI above or local site assessment)		160	
TOTAL POINTS (Total of above 2 lines)		260	
Site Selected:		Date Of Selection	Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Reason For Selection: Sites with scores of 159 and lower should receive consideration for project status. Sites with 160 and above reflect the higher quality farmland.			
(See Instructions on reverse side)		Form AD-1006 (10-83)	



Camp Dresser & McKee Inc.

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ope ratios

2151 River Plaza Drive, Suite 200
Sacramento, California 95833
Tel: 916 567-9900 Fax: 916 567-9905

November 28, 2001

Mr. Phil Hogan
United States Department of Agriculture
Natural Resources Conservation Service
221 W. Court Suite 1
Woodland, CA 95695

Subject: Farmland Conversion Impact Rating

Dear Mr. Hogan:

About 3 months ago, you returned the Farmland Conversion Impact Rating form to John Downs so that he could complete Parts VI and VII for alternatives A and B. Since then, a third alternative at the site has developed.

Enclosed is the Impact Rating form with Part III completed for alternative C. It is still unclear whether the land confined by the levees will be considered uneconomic remnants or will remain farmable. For Part IIIB, acres to be converted indirectly, I have supplied a worse case scenario number, assuming all confined land to be converted. Part VI has been completed for all three alternatives. Also enclosed is a map of the proposed alternative C.

If you have any questions, you can reach John Downs or myself at (916) 567-9900.

Very truly yours,

CAMP DRESSER & McKEE INC.

Michelle Rothman

Michelle Rothman

U.S. Department of Agriculture					
FARMLAND CONVERSION IMPACT RATING					
PART I (To be completed by Federal Agency)			Date Of Land Evaluation Request August 17, 2001		
Name of Project Lower Cache Creek Flood Reduction Study			Federal Agency Involved U.S. Army Corps of Engineers		
Proposed Land Use Flood Control Levee/Riparian Habitat			County and State Yolo County, California		
PART II (To be completed by NRCS)			Date Request Received By NRCS Week of August 27, 2001		
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply - do not complete additional parts of this form)			YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
			Acres Irrigated	Average Farm Size	
			234.112	569	
Major Crop(s) Tomatoes, rice, corn, wheat, wine grapes		Farmable Land In Govt. Jurisdiction	Amount of Farmland As Defined in FPPA		
		Acres 420.771	Acres 420.771 64.3 %		
Name of Land Evaluation System Used		Name of Local Site Assessment System		Date Land Evaluation Returned by NRCS	
Storie Index		LAFCO/LESA (not used for this evaluation)		Tuesday, September 18, 2001	
PART III (To be completed by Federal Agency)			Alternative Site Rating		
			Site A	Site B	Site C
A. Total Acres To Be Converted Directly			234.5	123.5	279.1
B. Total Acres To Be Converted Indirectly			723.3	0	1634.5
C. Total Acres In Site			957.8	125.4	1903.6
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland			919.80	121.67	
B. Total Acres Statewide Important or Local Important Farmland			38.0	3.73	
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted			23%	03%	
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value			2%	12%	
PART V (To be completed by NRCS) Land Evaluation Criterion					
Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)			94	77	
PART VI (To be completed by Federal Agency)			Maximum Points		
Site Assessment Criteria (These criteria are explained in 7 CFR 658.5 b)					
1. Area In Non-urban Use			15	14	11
2. Perimeter In Non-urban Use			10	10	8
3. Percent Of Site Being Farmed			20	20	17
4. Protection Provided By State and Local Government			20	20	20
5. Distance From Urban Built-up Area			15	—	—
6. Distance To Urban Support Services			15	—	—
7. Size Of Present Farm Unit Compared To Average			10	10	0
8. Creation Of Non-farmable Farmland			10	25	0
9. Availability Of Farm Support Services			5	0	0
10. On-Farm Investments			20	0	0
11. Effects Of Conversion On Farm Support Services			10	5	0
12. Compatibility With Existing Agricultural Use			10	5	5
TOTAL SITE ASSESSMENT POINTS			160	109	61
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)			100	94	77
Total Site Assessment (From Part VI above or local site assessment)			160	109	61
TOTAL POINTS (Total of above 2 lines)			260	203	138
Site Selected:			Was A Local Site Assessment Used?		
Reason For Selection:			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
Sites with scores of 159 and lower should receive consideration for project status. Sites with 160 and above reflect the higher quality farmland.					
(See Instructions on reverse side)			Form AD-1006 (10-83)		



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

221 W. Court Suite 1
Woodland, CA 95695
(530) 662-2037 X 3
Phil.Hogan@ca.usda.gov

RE: Cache Creek Setback Levee, Alternative C, Minimum Slope Protection Setback Levee

Tuesday, January 22, 2002

Mr. John Downs
CDM Federal Programs Corporation
2151 River Plaza Drive Ste 200
Sacramento, CA 95833

Dear Mr. Downs:

Please find enclosed a copy of the following:

- 1) Form 1006, Farmland Conversion Impact Rating
- 2) Soils Map for Project Area
- 3) Documentation for Part II and IV for the 1006 form.

AD1006 Documentation for Cache Creek Setback Levee, Alternative C, Minimum Slope Protection Setback Levee Alternative

SITE A

Section A, Setback Levee

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
BrA	13.00	81	Prime
Sn	10.00	25	Local Important
Ya	726.80	100	Prime
Yb	<u>31.00</u>	90	Prime
TOTAL	780.80 acres		

Section B, Setback Levee

The Natural Resources Conservation Service
is an agency of the
United States Department of Agriculture

AN EQUAL OPPORTUNITY EMPLOYER

AD-1006, CDM, Cache Creek Setback Levees, ALT C Addendum

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
Ra	400.00	100	Prime
Sp	8.00	90	Prime
Ya	<u>211.10</u>	100	Prime
TOTAL	619.10 acres		

Section C, Setback Levee

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
Lg	78.00	81	PRIME
Lm	34.00	59	LOCAL IMPORTANT
Ra	172.50	100	PRIME
Sn	22.00	25	LOCAL IMPORTANT
Sp	13.00	90	PRIME
Tc	29.00	81	PRIME
Ya	<u>26.00</u>	100	PRIME
TOTAL	314.50 acres		

Section D, Setback Levee

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
Lg	52.00	81	PRIME
Mb	41.00	90	PRIME
Md	23.00	81	PRIME
Mo	<u>11.10</u>	65	PRIME
TOTAL	127.10 acres		

Total Sections A-D, Setback Levee

<u>Soil Symbol</u>	<u>Acres</u>	<u>Storie Index</u>	<u>Category</u>
BrA	13.00	81	PRIME
Lg	130.00	81	PRIME

AD-1006, CDM, Cache Creek Setback Levees, ALT C Addendum

Lm	34.00	59	LOCAL IMPORTANT
Mb	41.00	90	PRIME
Md	23.00	81	PRIME
Mo	11.10	65	PRIME
Ra	572.0	100	PRIME
Sn	32.00	25	LOCAL IMPORTANT
Sp	21.00	90	PRIME
Tc	29.00	81	PRIME
Ya	963.90	100	PRIME
Yb	<u>31.00</u>	90	PRIME
TOTAL	1901.00 acres		

PART IVC

Acres to be converted/acres farmland in county X 100 = $1901/420,771 \times 100 = .45\%$

PART V

Soil Symbol	Acres	Storie Index	Product
BrA	13.00	81	1053
Lg	130.00	81	10530
Lm	34.00	59	2006
Mb	41.00	90	3690
Md	23.00	81	1863
Mo	11.10	65	721.5
Ra	572.0	100	57200
Sn	32.00	25	800
Sp	21.00	90	1890
Tc	29.00	81	2349
Ya	963.90	100	96390
Yb	<u>31.00</u>	90	<u>2790</u>
TOTAL	1901.00 acres		181282.5

$181282.5/1901 = 95$

PART IVD

Acres to be converted/acres with soils with Storie Index 95 or higher.

Soil Symbol	Storie Index	Acres in County
Ra	100	5,080

AD-1006, CDM, Cache Creek Setback Levees, ALT C Addendum

Ya	100	42,422
Za	95	<u>3,476</u>
TOTAL		50,978 acres

++(correlating with 1006 form): Percentage of farmland in government jurisdiction with same or relative higher value = $50,978 / 420,771 \times 100 = 12\%$.

+Percentage of farmland to be converted with same or relative higher value = $1901.00 / 50,978 \times 100 = 3.7\%$

If there are any questions, please feel free to contact me.

Sincerely yours

Signed by

PHIL HOGAN
District Conservationist

FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request August 17, 2001			
Name of Project Lower Cache Creek Flood Reduction Study		Federal Agency Involved U.S. Army Corps of Engineers			
Proposed Land Use Flood Control Levee/Riparian Habitat		County and State Yolo County, California			
PART II (To be completed by NRCS)		Date Request Received By NRCS Week of August 27, 2001			
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply - do not complete additional parts of this form)		YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Acres Irrigated 234,112	Average Farm Size 569
Major Crop(s) Tomatoes, rice, corn, wheat, wine grapes	Farmable Land In Govt. Jurisdiction Acres: 420,771	Amount of Farmland As Defined in FPPA Acres: 420,771 64.3 %			
Name of Land Evaluation System Used Storie Index	Name of Local Site Assessment System LAFCO LESA (not used for this evaluation)	Date Land Evaluation Returned by NRCS Tuesday, September 18, 2001; ALT C: 1/22/02			
PART III (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly		234.5	123.5		
B. Total Acres To Be Converted Indirectly		723.3	0		
C. Total Acres In Site		957.8	125.4		
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland		919.80	121.67	1835	
B. Total Acres Statewide Important or Local Important Farmland		38.0	3.73	66	
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		.23%	.03%	0.45%	
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value		2%	.12%	++.12%;	+3.7%
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)		94	77	95	
PART VI (To be completed by Federal Agency) Site Assessment Criteria (These criteria are explained in 7 CFR 658.5 b)		Maximum Points			
1. Area In Non-urban Use		15			
2. Perimeter In Non-urban Use		10			
3. Percent Of Site Being Farmed		20			
4. Protection Provided By State and Local Government		20			
5. Distance From Urban Built-up Area		15			
6. Distance To Urban Support Services		15			
7. Size Of Present Farm Unit Compared To Average		10			
8. Creation Of Non-farmable Farmland		10			
9. Availability Of Farm Support Services		5			
10. On-Farm Investments		20			
11. Effects Of Conversion On Farm Support Services		10			
12. Compatibility With Existing Agricultural Use		10			
TOTAL SITE ASSESSMENT POINTS		160			
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100			
Total Site Assessment (From Part VI above or local site assessment)		160			
TOTAL POINTS (Total of above 2 lines)		260			
Site Selected:		Date Of Selection	Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
Reason For Selection:					
Sites with scores of 159 and lower should receive consideration for project status. Sites with 160 and above reflect the higher quality farmland.					
(See Instructions on reverse side)		Form AD-1006 (10-83)			

STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

- Step 1 - Federal agencies involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form.
- Step 2 - Originator will send copies of the form together with appropriate scaled maps indicating locations of site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and Retain a copy for their files. (NRCS has a field office in most counties in the U.S. The field offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the State Conservationist and State Office in each State.)
- Step 3 - NRCS will, within 45 calendar days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland.
- Step 4 - In cases where farmland covered by the FPPA will be converted by the proposed project, NRCS field offices will complete Parts II, IV and V of the form.
- Step 5 - NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 - The Federal agency involved in the proposed project will complete Parts VI and VII of the form.
- Step 7 - The Federal agency involved in the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA and the agency's internal policies.

INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM

(For Federal Agency)

Part I: When completing the "County And State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

Part III: When completing item B (Total Acres To Be Converted Indirectly), include the following:

1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them.
2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities) that will cause a direct conversion.

Part VI: Do not complete Part VI if a local site assessment is used.

Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, powerline and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighed a maximum of 25 points and criterion #11 a maximum of 25 points.

Individual Federal agencies at the national level, may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total weight points at 160.

In rating alternative sites, Federal agencies shall consider each of the criteria and assign points within the limits established in the FPPA rule. Sites most suitable for protection under these criteria will receive the highest total scores, and sites least suitable, the lowest scores.

Part VII: In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, adjust the site assessment points to a base of 160.

Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

Total points assigned Site A = $\frac{180}{200} \times 160 = 144$ points for Site "A".

Maximum points possible 200

For more assistance, contact the local NRCS Field Office or USDA Service Center.

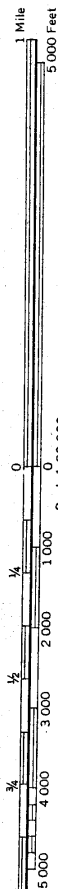
NRCS employees, consult the FPPA Manual and/or policy for instructions to complete the AD-1006 form.

(Joins sheet 30)

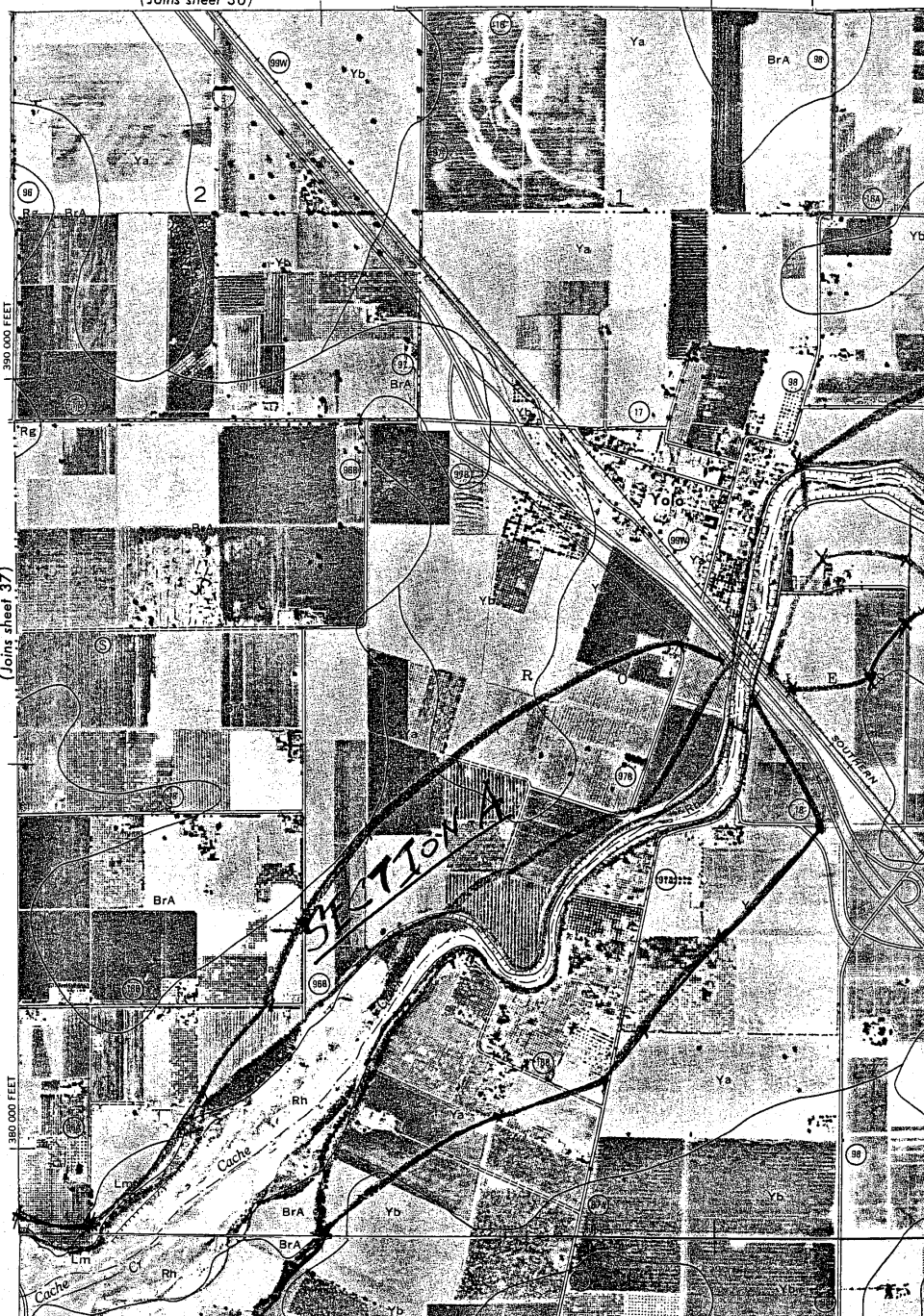
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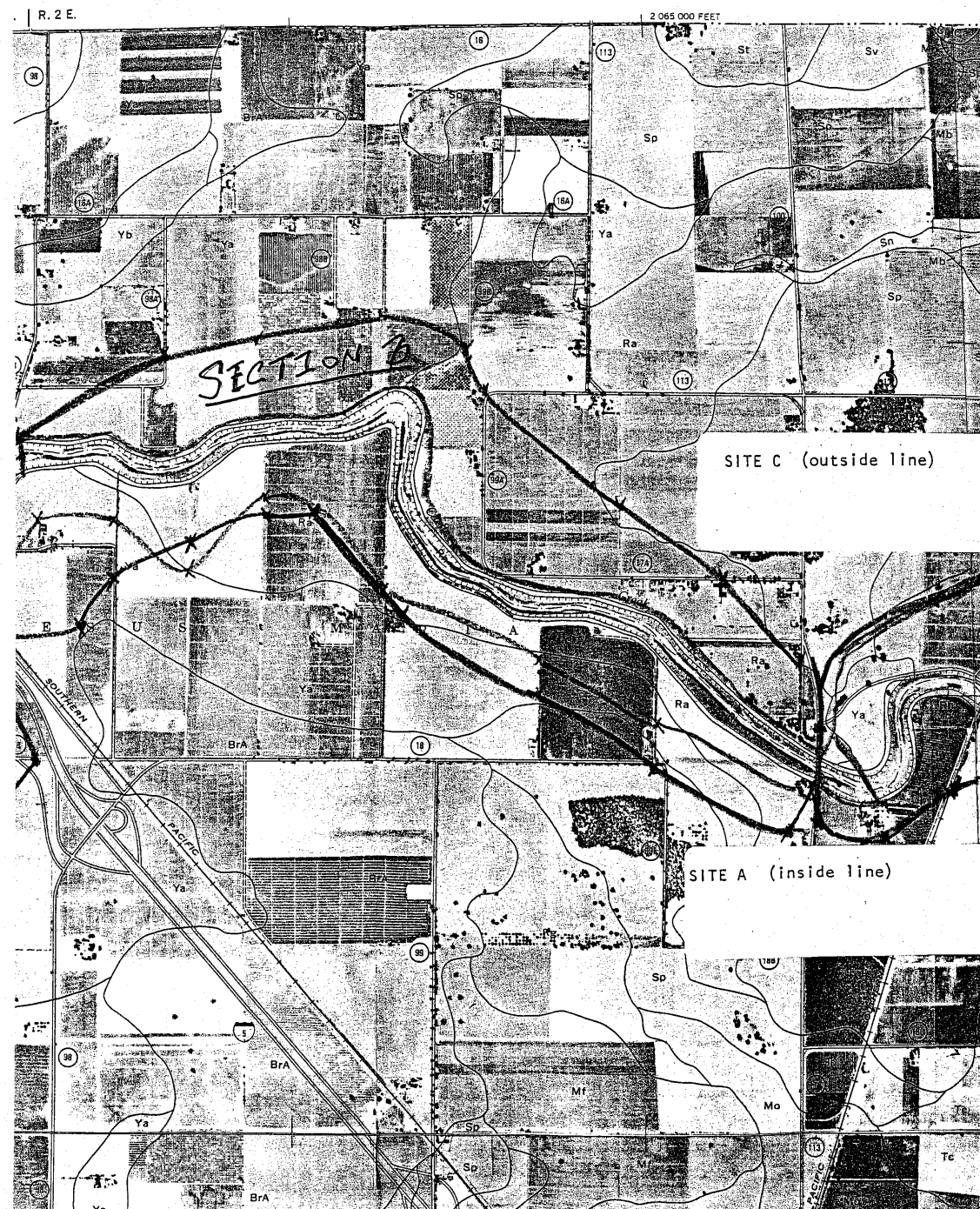
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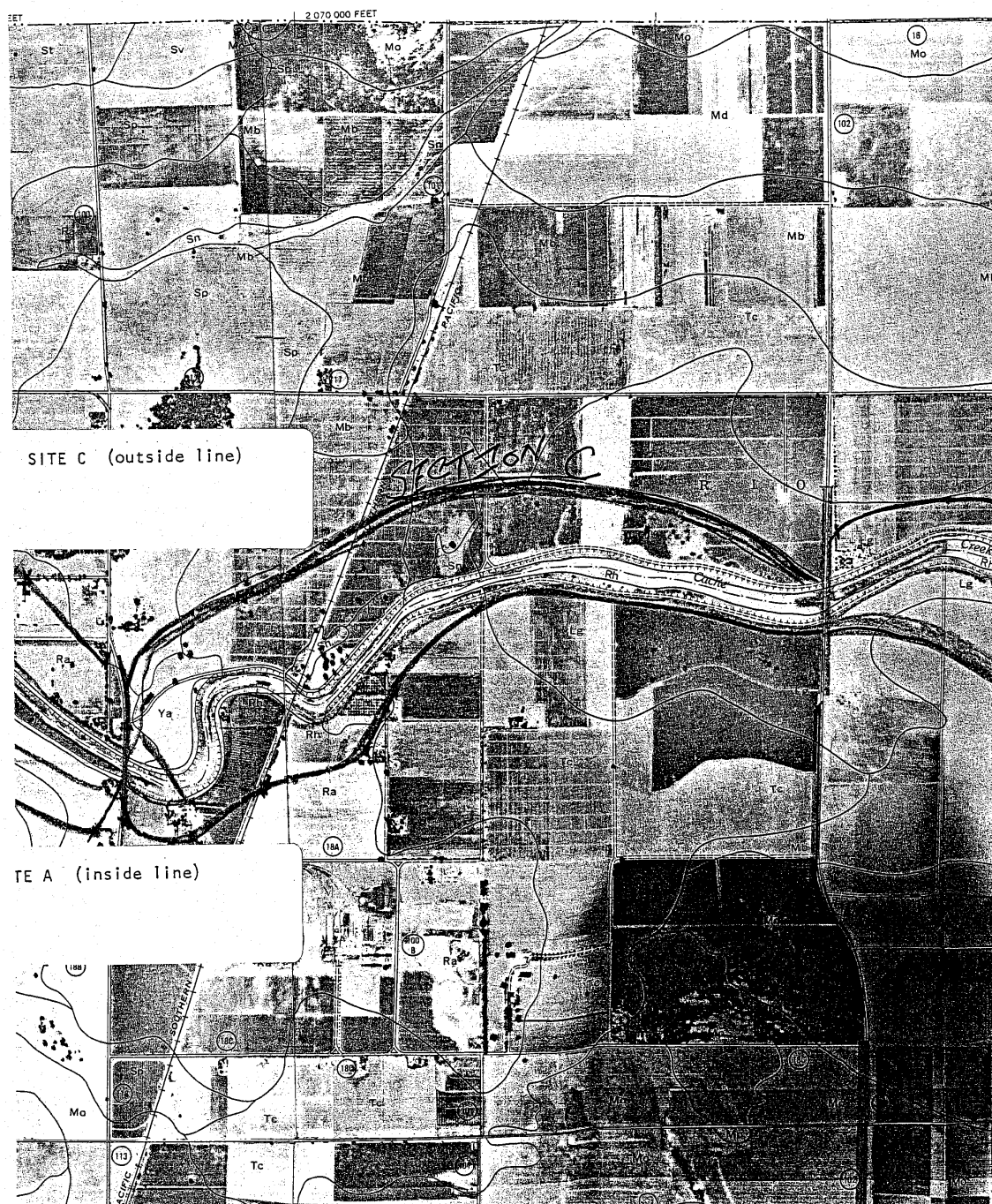
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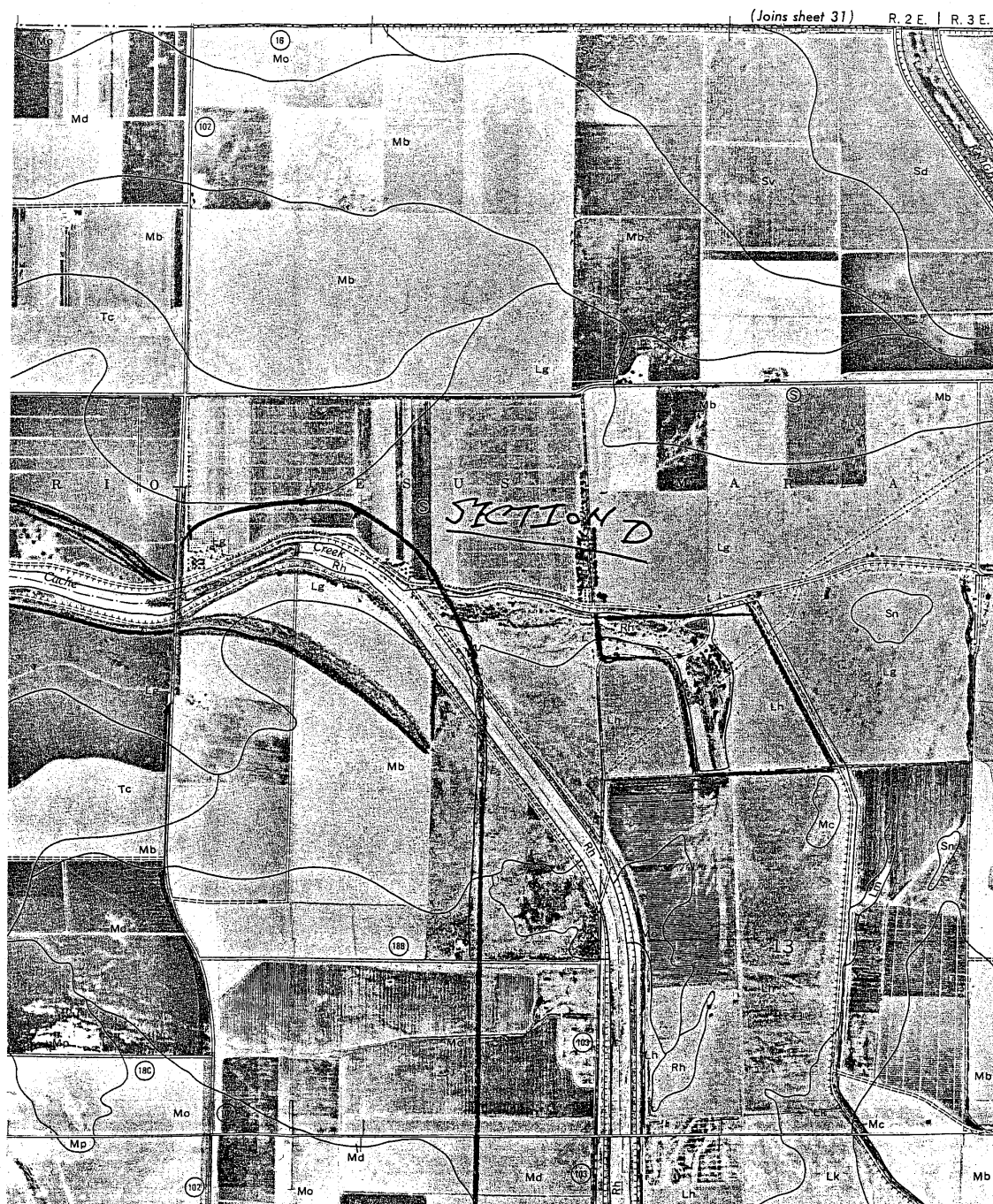
(Joins sheet 37)



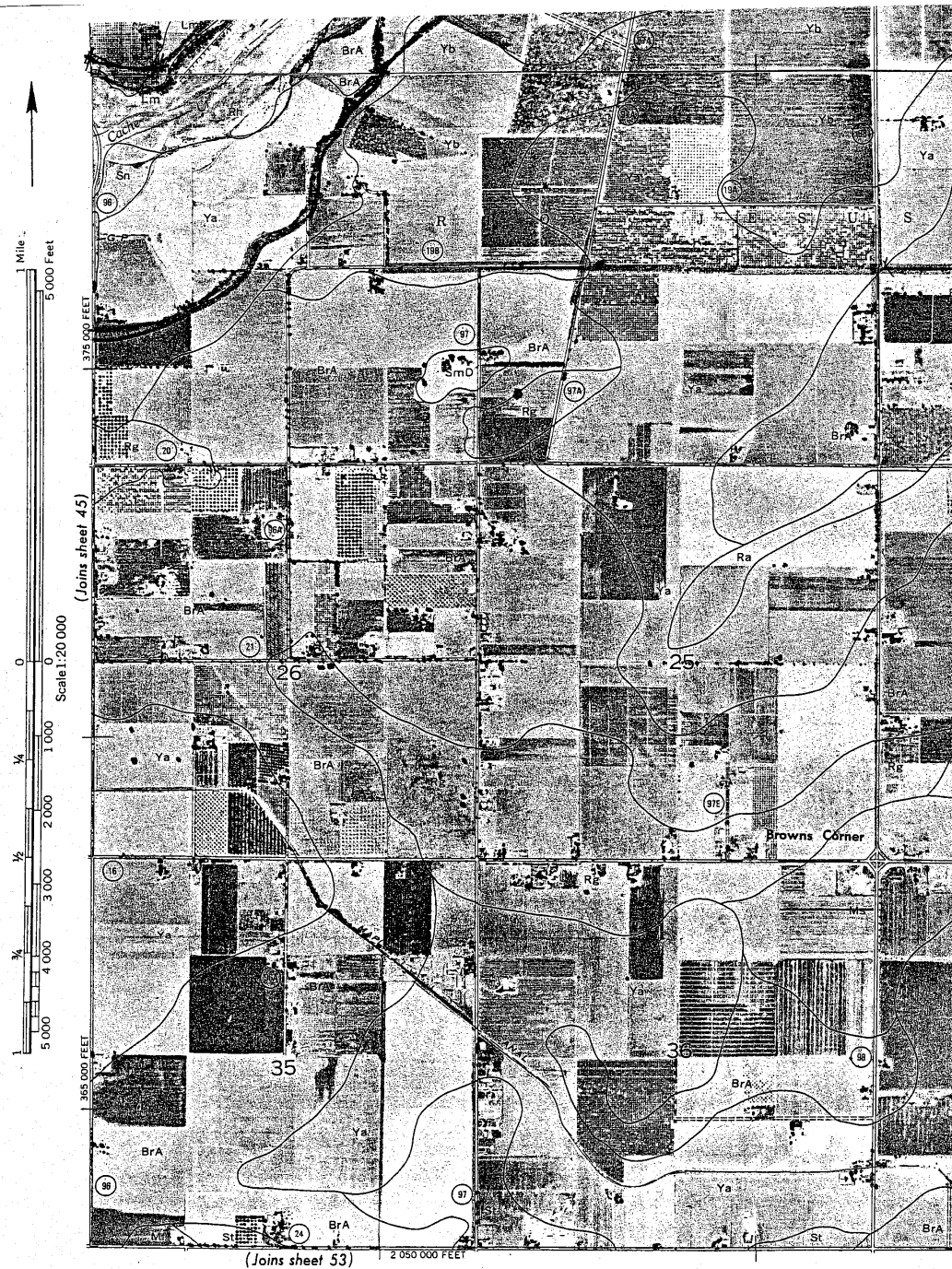


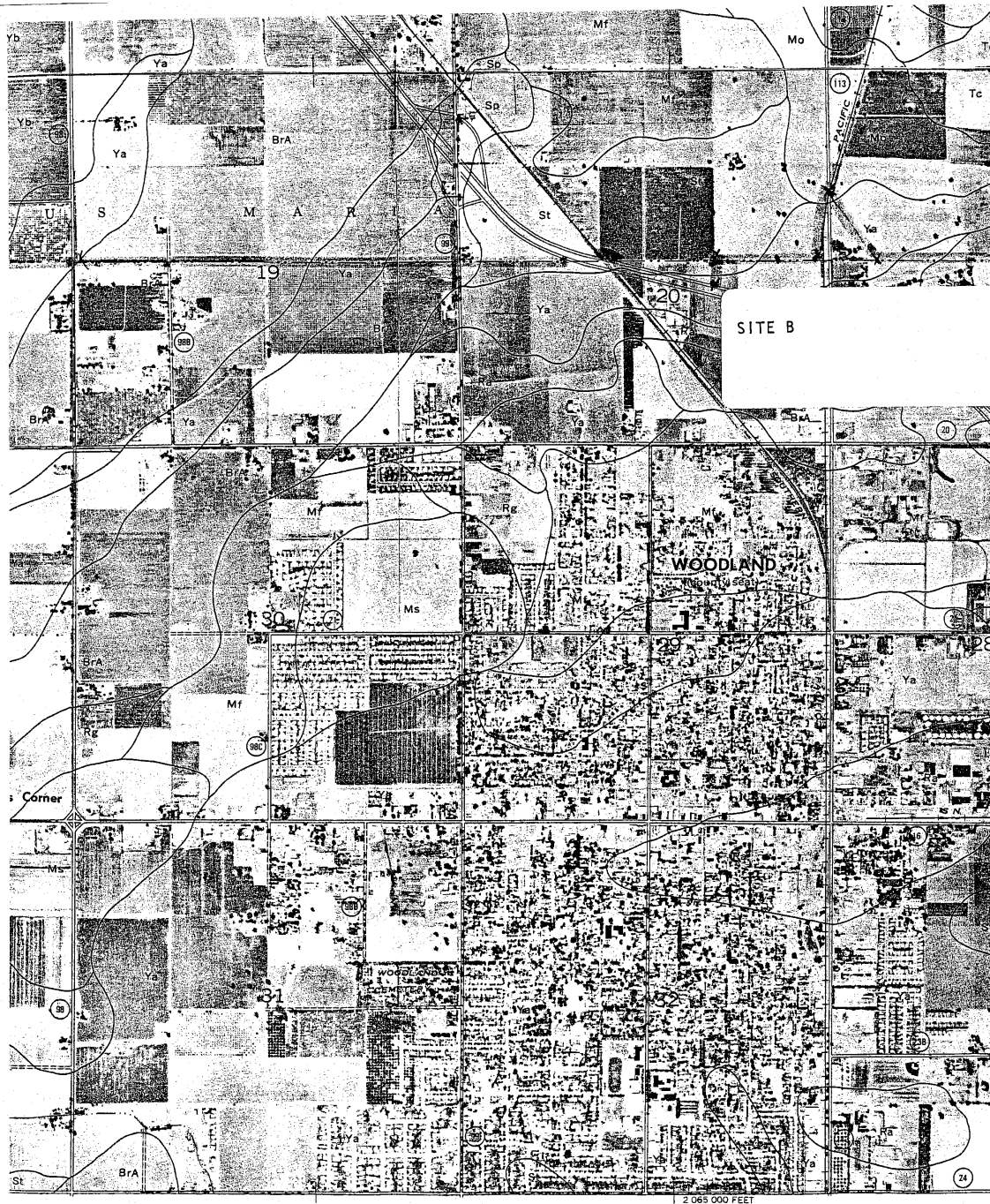


YOLO COUNTY, CALIFORNIA — SHEET NUMBER 39

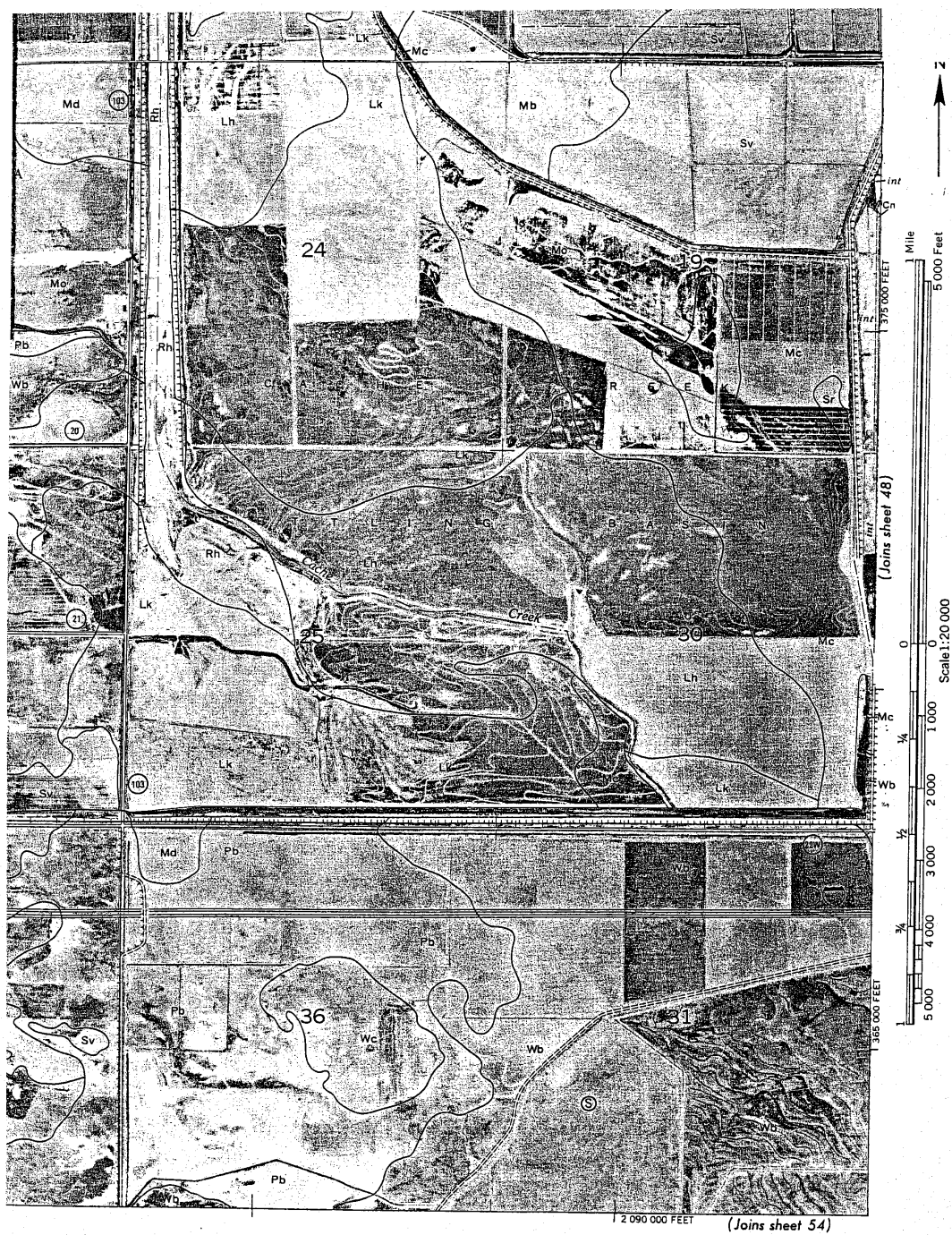








Plane coordinate projection. 1927 North American datum.
5,000-foot grid ticks based on California coordinate system zone 2. Mosaic compiled from 1954 aerial photographs.



PRIME FARMLAND
Section A, Cache Creek Setback Levee

Map symbol	Soil name
BrA	Brentwood silty clay loam, 0 to 2 percent slopes (where irrigated)
Ya	Yolo silt loam (where irrigated)

NONTECHNICAL SOILS DESCRIPTION REPORT
Section A, Cache Creek Setback Levee

Map Symbol	Soil name and description
BrA	<p>Brentwood silty clay loam, 0 to 2 percent slopes</p> <p>BRENTWOOD SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 250-250; AVAILABLE WATER CAPACITY: 10.0-11.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.32; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>
Sn	<p>Soboba gravelly sandy loam</p> <p>SOBOBA GRAVELLY SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 260-260; AVAILABLE WATER CAPACITY: 1.4-2.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.20; IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.</p>
fa	<p>Yolo silt loam</p> <p>YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE
Section A, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
BrA Brentwood-----	1	---	---	---	---	---	55	500
Sn Soboba-----	4S	---	---	---	---	---	---	---
Ya Yolo-----	1	8.5	180	---	---	---	---	2,300

PRIME FARMLAND
Section B, Cache Creek Setback Levee

Map symbol	Soil name
Ra	Reiff very fine sandy loam (where irrigated)
Ya	Yolo silt loam (where irrigated)

NONTECHNICAL SOILS DESCRIPTION REPORT
Section B, Cache Creek Setback Levee

Map Symbol	Soil name and description
Ra	<p>Reiff very fine sandy loam</p> <p>REIFF VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Ya	<p>Yolo silt loam</p> <p>YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE
Section B, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
Ra Reiff-----	1	---	---	---	---	---	---	---
Ya Yolo-----	1	8.5	180	---	---	---	---	2,300

PRIME FARMLAND
Section C, Cache Creek Setback Levee

Map symbol	Soil name
Ra	Reiff very fine sandy loam (where irrigated)
Ya	Yolo silt loam (where irrigated)
Lg	Laugenour very fine sandy loam (where irrigated)
Sp	Sycamore silt loam, drained (where irrigated)
Tc	Tyndall very fine sandy loam, drained (where irrigated)

NONTECHNICAL SOILS DESCRIPTION REPORT
Section C, Cache Creek Setback Levee

Map Symbol	Soil name and description
Ra	<p>Reiff very fine sandy loam</p> <p>REIFF VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Ya	<p>Yolo silt loam</p> <p>YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>
Lg	<p>Laugenour very fine sandy loam</p> <p>LAUGENOUR VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 6.0-8.8"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Lm	<p>Loamy Alluvial Land</p>

NONTECHNICAL SOILS DESCRIPTION REPORT
Section C, Cache Creek Setback Levee

Map Symbol	Soil name and description
	<p>LOAMY ALLUVIAL LAND SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2 PERCENT. LANDFORM: Alluvial Flat; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 4.4-8.5"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.24; IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Sn	<p>Soboba gravelly sandy loam</p> <p>SOBOBA GRAVELLY SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 260-260; AVAILABLE WATER CAPACITY: 1.4-2.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.20; IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Sp	<p>Sycamore silt loam, drained</p> <p>SYCAMORE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 10.2-12.0"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.49; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>
Tc	<p>Tyndall very fine sandy loam, drained</p> <p>TYNDALL VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF</p>

0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:
280-280; AVAILABLE WATER CAPACITY: 9.0-10.2"; WIND
EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37;
IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C;
HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR
CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE
Section C, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
Ra Reiff-----	1	---	---	---	---	---	---	---
Ya Yolo-----	1	8.5	180	---	---	---	---	2,300
Lg Laugenour-----	1	---	---	---	---	---	---	---
Lm Loamy Alluvial Land-----	4S	---	---	---	---	---	---	---
Sn Soboba-----	4S	---	---	---	---	---	---	---
Sp Sycamore-----	1	---	---	---	---	---	---	---
Tc Tyndall-----	1	---	---	---	---	---	---	---

PRIME FARMLAND
Section D, Cache Creek Setback Levee

Map symbol	Soil name
Lg	Laugenour very fine sandy loam (where irrigated)
Mb	Maria silt loam (where irrigated)
Md	Maria silt loam, deep (where irrigated)
Mo	Merritt silty clay loam, deep, drained (where irrigated)

Nontechnical Soils Description Report
Section D, Cache Creek Setback Levee

Map Symbol	Soil name and description
Lg	<p>Laugenour very fine sandy loam</p> <p>LAUGENOUR VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 6.0-8.8"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Mb	<p>Maria silt loam</p> <p>MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.6-11.9"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.</p>
Md	<p>Maria silt loam, deep</p> <p>MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.2-10.5"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.</p>
Mo	<p>Merritt silty clay loam, deep, drained</p>

NONTECHNICAL SOILS DESCRIPTION REPORT
Section D, Cache Creek Setback Levee

Map Symbol	Soil name and description
	MERRITT SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 9.0-10.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE
Section D, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
Lg Laugenour-----	1	---	---	---	---	---	---	---
Mb Maria-----	1	8.5	160	---	---	---	---	2,300
Md Maria-----	2S	8.0	145	---	---	---	---	2,000
Mo Merritt-----	2S	---	---	---	---	---	---	---

PRIME FARMLAND
CC Overflow Barrier

Map symbol	Soil name
BrA	Brentwood silty clay loam, 0 to 2 percent slopes (where irrigated)
Ca	Capay silty clay (where irrigated)
Lg	Laugenour very fine sandy loam (where irrigated)
Mb	Maria silt loam (where irrigated)
Md	Maria silt loam, deep (where irrigated)
Mo	Merritt silty clay loam, deep, drained (where irrigated)
Ra	Reiff very fine sandy loam (where irrigated)
St	Sycamore silty clay loam, drained (where irrigated)
Tc	Tyndall very fine sandy loam, drained (where irrigated)
Ya	Yolo silt loam (where irrigated)
Yb	Yolo silty clay loam (where irrigated)

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE
CC Overflow Barrier

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicate that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
BrA Brentwood-----	1	---	---	---	---	---	55	500
Ca Capay-----	2S	7.0	130	---	---	165	85	---
Lg Laugenour-----	1	---	---	---	---	---	---	---
Ma Made Land-----	2S	---	---	---	---	---	---	---
Mb Maria-----	1	8.5	160	---	---	---	---	2,300
Md Maria-----	2S	8.0	145	---	---	---	---	2,000
Mo Merritt-----	2S	---	---	---	---	---	---	---
Ra Reiff-----	1	---	---	---	---	---	---	---

Sn								
Soboba-----	4S							
St								
Sycamore-----	1							
Tc								
Tyndall-----	1							
Wb								
Willows-----	2W							
Ya		8.5	180					
Yolo-----	1							2,300

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued
CC Overflow Barrier

Map symbol and soil name	Land capability	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
Yb Yolo-----	1	8.5	180	---	---	---	---	2,300

NONTECHNICAL SOILS DESCRIPTION REPORT
CC Overflow Barrier

Map Symbol	Soil name and description
BrA	<p>Brentwood silty clay loam, 0 to 2 percent slopes</p> <p>BRENTWOOD SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 250-250; AVAILABLE WATER CAPACITY: 10.0-11.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.32; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>
Ca	<p>Capay silty clay</p> <p>CAPAY SILTY CLAY IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Basin-Floor Remnant; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.24; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING, WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND.</p>
Lg	<p>Laugenour very fine sandy loam</p> <p>LAUGENOUR VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 6.0-8.8"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Ma	<p>Made Land</p>

NONTECHNICAL SOILS DESCRIPTION REPORT
CC Overflow Barrier

Map Symbol	Soil name and description
	MADE LAND VARIABLE IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2 PERCENT. LANDFORM: Alluvial Flat; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: "; WIND EROSION INDEX FACTOR: NO DATA; T FACTOR: NO DATA; K FACTOR: NO DATA; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: ; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.
Mb	Maria silt loam MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.6-11.9"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.
Md	Maria silt loam, deep MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.2-10.5"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.
Mo	Merritt silty clay loam, deep, drained MERRITT SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:

275-275; AVAILABLE WATER CAPACITY: 9.0-10.4"; WIND
EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.43;
IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S;
HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR
CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE
LISTED.

Ra Reiff very fine sandy loam

NONTECHNICAL SOILS DESCRIPTION REPORT
CC Overlow Barrier

Map Symbol	Soil name and description
	<p>REIFF VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.</p>
Sn	<p>Soboba gravelly sandy loam</p> <p>SOBOBA GRAVELLY SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 260-260; AVAILABLE WATER CAPACITY: 1.4-2.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.20; IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.</p>
St	<p>Sycamore silty clay loam, drained</p> <p>SYCAMORE SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.1-11.2"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>
Tc	<p>Tyndall very fine sandy loam, drained</p> <p>TYNDALL VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:</p>

280-280; AVAILABLE WATER CAPACITY: 9.0-10.2"; WIND
EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37;
IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C;
HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR
CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.

Willows clay

Nontechnical Soils Description Report
CC Overflow Barrier

Map Symbol	Soil name and description
	<p>WILLOWS CLAY IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Basin Floor; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 7.2-8.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.28; IRRIGATED CAPABILITY: 2W; NONIRRIGATED CAPABILITY: 4W; HYDRIC?: YES; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING, WATER TABLE, SALINITY, SODICITY; LANDUSE MAY INCLUDE: CROPLAND.</p>
Ya	<p>Yolo silt loam</p> <p>YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>
Yb	<p>Yolo silty clay loam</p> <p>YOLO SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 10.2-11.7"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.</p>